



CERTIFIED MATERIAL TEST REPORT

US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CUSTOMER SHIP TO TRANSPORTES Y SERVICIOS INTEGR ZVP 03-703-94 CARMEN, NL 66550 Mexico		CUSTOMER BILL TO ACEROMEX GRUPO INDUSTRIAL S A COL LINDA VISTA 103 GUADALUPE, NL 67130 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_1 / 12 X 58# / 310 X 86
SALES ORDER 99808/000080		LENGTH 40'00"		WEIGHT 111,360 LB	HEAT / BATCH 5905088202
CUSTOMER PURCHASE ORDER NUMBER 4500067722		BILL OF LADING 1327-0000010420		DATE 28.06.2012	
SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Ca %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.09	0.84	0.021	0.040	0.20	0.35	0.15	0.16	0.041	0.005	0.003	0.019	0.004

CHEMICAL COMPOSITION	
CEqvA6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
54.2	72.1	374	497	8.000	200.0
54.5	71.4	376	492	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	25.00
	24.40

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billets, was melted and manufactured in the USA. We certify that these data are correct and in compliance with specified requirements. CMTR complies with EN 10204 3.1.

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Tom Harrington
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